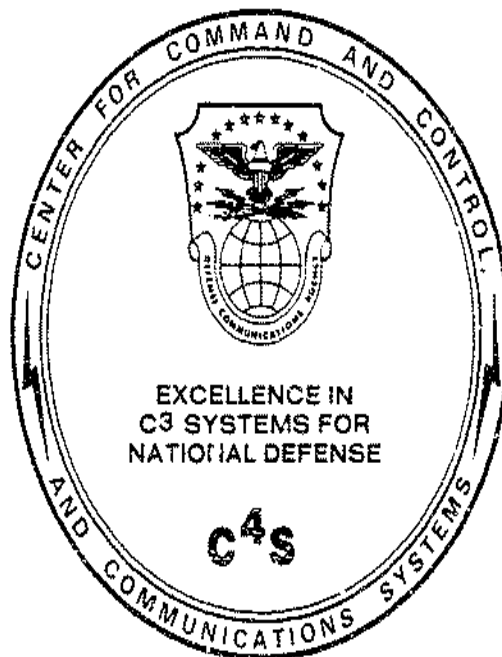


DEFENSE
COMMUNICATIONS
AGENCY

MILSATCOM SYSTEMS OFFICE

**MILSATCOM USER REQUIREMENTS SYSTEM
USER REQUIREMENTS DATA BASE
USER'S MANUAL**



SUPERSEDES ALL PREVIOUS EDITIONS

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**MILSATCOM USER REQUIREMENTS SYSTEM
URDB USER'S MANUAL
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1.0 GENERAL

1.1 Purpose of the User's Manual

The objective of the User's Manual for the MILSATCOM User Requirements System (MURS) is to provide users with the necessary information for effective use of the system. Because the information in the manual will be used by field personnel to prepare inputs and updates to the MURS and to request outputs from the MSO, only these areas are covered. Operation of the computer terminal and use of the system software are explained in the Training Manual for Use of Automated User Requirements Data Base Functions, available at the MILSATCOM Systems Office (MSO).

1.2 Project References

The MILSATCOM User Requirements Data Base (URDB) was established in June 1975, in accordance with the policies and objectives set forth in DoD Directive 5105.44 and JCS Memorandum of Policy 178. The purpose of the URDB was to provide a dynamic instrument, automating the user requirements documents used by DCA for the planning, sizing, and system design of future MILSATCOM systems.

Prior to December 1983, the URDB was simply a "flat" file of 80-character records with little supporting software. It is now the data base of the MURS, resident in the Worldwide On-Line System (WWOLS) environment (IBM 4331 processors in DCAOC), and operating under the TOTAL DBMS as an integral part of the WWOLS communications data base.

The MURS has been developed for use by the MSO, DCA Code A800.

The following documents and manuals were used as references for this project.

- a. Joint Chiefs of Staff Memorandum of Policy (MOP) Number 178, "Military Satellite Communications Systems," (U), 1 May 1978.
- b. Joint Chiefs of Staff Memorandum of Policy (MOP) Number 178, "Military Satellite Communications Systems," (U), Volume 1, 4 Sept 1986
- c. MILSATCOM User Requirements System User Requirements Data Base Specification, (U), by Rockwell International for DCA MSO Code A800, December 1983.
- d. DCAC 310-65-1, Circuit and Trunk File Data Elements and Codes Manual of the Defense Communications System (DCS), (U), 18 May 1979.
- e. MILSATCOM User Requirements Data Base Implementation Plan (U), by Rockwell International for DCA MSO, Code A800, June 1983.

1.3 Security

The MILSATCOM User Requirements System data base has an overall classification of SECRET.

2.0 SYSTEM SUMMARY

2.1 Applicability

This manual applies to all agencies requesting DoD satellite communications access under MOP (178).

2.2 Performance Capabilities of the MURS

The performance capabilities of the MURS are greatly enhanced from those of the old URDB system.

Input processing has been simplified by the new MILSATCOM URDB Requirement Request Form, DCA Form 772. This form relieves the submitter of the burden of "coding" his requirement on a keypunch sheet; he now can state his requirement through narratives, textual descriptions, detailed diagrams, and multiple-choice questions. This form also provides a more detailed Source Document for producing the Narratives and Diagrams and associated paper audit trail.

The data entry process has been significantly upgraded. Formatted screens provide the means for additions, deletions, and modifications to the data base. Tailored software editing programs ensure data integrity and prevent contamination of the data base.

Update processing is now done continuously instead of once a year. Users (OJCS, CINCs, Services, DoD, and Non-DoD Agencies) are now able to perform regular updates of their entries, based on printouts routinely provided them by the MSO. Corrections can either be made directly on the computer printouts or new forms may be submitted.

Output processing also has been expanded to include a wide variety of reports, which are provided more frequently, accurately, and completely than before. Output formats are very flexible, and ad hoc requests from users can be accommodated by the MSO. MURS reporting facilities can be used to access certain WWOLS data as well as all URDB files.

2.3 General Description of Inputs, Processing, Outputs

The MILSATCOM requirements process is governed by JCS Memorandum of Policy 178 (MOP 178). The existing and planned MILSATCOM systems available to host MILSATCOM users include the Defense Satellite Communications System, (DSCS), the Fleet Satellite Communications (FLTSATCOM) System, the Air Force Satellite Communications (AFSATCOM) System, and some NATO requirements. MOP 178 specifically provides policy guidance relative to all aspects of processing MILSATCOM user requirements for input to the URDB.

2.3.1 Inputs

There are two standard mechanisms for MILSATCOM users to submit requirements for input to the URDB. The first is a submission in response to the annual requirements update request issued by the MSO each winter. These new "routine" requests come directly to the MSO for processing and are submitted to the JCS when the technical analyses are completed. Routine requests may, however, be submitted to the MSO at anytime during the year.

The second, an urgent request, or one which requires immediate action, must be submitted directly to the JCS. These requirements must contain adequate justification of urgency. The JCS will initiate a joint action if deemed appropriate.

The MILSATCOM Requirement Request Form 772 provides the user with the format for these submissions. Specific instructions for completing this form are in Section 3.0, MILSATCOM URDB Requirement Request Form, of this manual.

2.3.2 Processing Routine Submissions

The users (e.g., CINCS, services, and agencies) submit routine requirements directly to the MSO with copies to the OJCS. All requirements submitted by the users must be validated by the appropriate authority within the DoD component prior to submittal (i.e. Navy CNO, Army DAIM, HQ CINCPAC, etc.). Upon receipt of the user requirement, the MSO reviews the requirement for adequacy, and then forwards it to the responsible Executive Agent¹ for a technical review and possibly a loading analysis, which determines whether the requirement can be supported.

The Executive Agent informs the MSO if the requirement can be supported with existing or programmed resources. If, however, additional information is required, the MSO obtains it from the users and the review process continues until the requirement is forwarded with DCA's recommendations based on the analyses performed.

Periodically, the MSO accumulates all review comments from the Executive Agents and submits an updated URDB to the JCS for validation of each requirement. Service representatives and JCS are voting members for the validation, and representatives of the DoD Agencies and the MSO are technical advisors. A requirement usually is validated unless an objection is raised by one or more of the Services.

The JCS provides notice of requirements validation or rejection to the MSO and the users by a memorandum resulting from a MOP 133 action. Periodically, system managers review unsupported requirements to determine the need for more resources. If programming of additional resources is required, the validated user requirements are used in updating respective program documents (e.g., DSCS Program/Plan, DCS FYP).

Requirements that need no additional programming resources are identified for implementation based on their respective need dates. JCS validation of a user requirement does not, however, authorize implementation.

DSCS implementation requires a Telecommunications Service Request (TSR) referencing the URDB validation as authority. Implementation for other than DSCS requirements takes place in accordance with standard Executive Agent procedures. The TSR is written by the designated Telecommunications Certification Office (TCO) to DCA. DCA then issues a Telecommunications Service Order (TSO) to the appropriate operations group to implement the change. A TSR is normally issued within 180 days prior to service need (270 days if leased resources are involved) and the TSO is issued soon after. Submission of TSRs and TSOs are governed by DCAC 310-130-1 and

1. The Executive Agent is a DoD component assigned the responsibility by the JCS to manage the satellite program and acquire, implement, operate and maintain particular systems or subsystems as defined in MOP 173.

DCAI 310-65-2, respectively. TSRs for DSCS requirements will not be issued without a URDB Control Number.

Implementation of other than DSCS requirements is governed by directives set forth by the Executive Agents/System Managers.

2.3.3 Processing Urgent Submissions

Urgent requirements must be submitted directly to the JCS (with information copies to the MSO and the MILSATCOM system manager), providing adequate justification for urgency. JCS determines if immediate action is required, and opens a separate joint action immediately, if appropriate, and provides the MSO with pertinent information for data base update. User requirements are generally considered urgent when they require implementation within 90 days of requirement submission.

The submission must be submitted on DCA Form 772. However, depending on the urgency, the requirement may be implemented before formal URDB submittal and validation. In such a case, both the validation process and the URDB update are conducted expeditiously while the requirement is being implemented.

2.3.4 Outputs

Prior to the implementation of the MURS, the only outputs available to users were the URDB listings of one-line requirement entries. These listings were mailed once a year with the in-cycle update requests or when specifically requested by field offices.

The new system provides many new standard output formats, exemplified in Section 3 of this manual, as well as ad hoc reporting capability. Specific information requested by users from the MSO can be provided in report format in a timely manner.

3.0 MILSATCOM URDB REQUIREMENT REQUEST FORM

3.1 Purpose of the Requirement Request Form

The purpose of the Requirement Request Form is to provide standardization of MILSATCOM requirements expression by field personnel to the MSO in accordance with MOP 178. It provides a vehicle for inputting requirements easily via data entry CRT screens without further information coding. Furthermore, it serves as the Source Identification Document (SID) to be kept on file at the MSO for reference and to supplement the automated system.

3.2 Completing the Form

The following section presents the questions that are itemized on the MILSATCOM URDB Requirement Request Form, as they appear on the form itself. Most questions are self-explanatory, but explanations as to expected answers are given where necessary. Shaded areas represent that information or code which will be entered in the data base. Please stamp applicable classification clearly on the front and back of each page of the form, or by each item if necessary. Downgrading instructions should be included.

3.2.1 User's Section

The following section itemizes and, where necessary, explains the questions on the MILSATCOM URDB Requirement Request Form that are to be completed by the user.

Question Number

1. Date of Requirement :

DATE / / (Today's date in the format of month-month,
MM DD YY day-day, year-year)

2. Type of Request : (Check Only One)

 A . New Requirement (Complete Entire Form)
 R . Change Existing Requirement (Complete items 1 through 5
and only those items to be Changed)
 D . Deletion of Existing Requirement (Complete Items 1 through 5 only)

3. Submitting Command , Agency or Activity : _____
(This is the Service , CINC , or Non-DOD Agency)

Sub-Command (optional) : _____

4. Control Number (Mandatory for Changes and Deletions) : _____
(This is the URDB Control Number assigned by the MSO as listed in the
URDB printouts. It must be provided when requesting changes or deletions.)

5. Point of Contact

Name : _____ Phone : () _____

Office Code : _____

6. Location Information (Reference Appendix A of this Manual and DCAC 310-65-1 for Codes)

ENDPOINT	From	To
NAME (Full Spelling)		
GEOLOC Code (8 Character Contraction)		
STATE/COUNTRY Code		
AREA		
LATITUDE (If Stationary)		
LONGITUDE (If Stationary)		
OPERATING PLATFORM (Provide the requested information or if unknown just check the appropriate block)	Terminal / Antenna size	Terminal / Antenna size
A - AIRCRAFT		
B - SHIP		
F - FIXED OR SEMI-FIXED		
P - MAN PORTABLE		
S - SUBMARINE		
T - TRANSPORTABLE		
V - VEHICLE (MOBILE)		
X - MULTIPLE TYPES (GROUND , AIR , SHIP)		

(If you know what terminal and antenna size apply, this information will assist you in loading analysis ; otherwise , place a check in the appropriate category.)

7. Time Frame Required : _____
 _____ QUARTER _____ YEAR
 (The fiscal quarter and year in which this requirement is expected to be operational.)

8. Type of Service : (Check Only One)

- ☐ D - Data (Not Multiplexed)
- ☐ F - Facsimile (Not Multiplexed)
- ☐ I - Imagry (Not Multiplexed)
- ☐ M - Multichannel Trunking Multiplexed At The Switches
or Subscriber Terminals For Transmission In One
Serial Bit Stream
- ☐ R - Remote Control Keying Line
- ☐ T - Teletype Record Traffic (Not Multiplexed)
- ☐ V - Voice or Voice Equivalent (Analog or Digital)
- ☐ Y - Order Wire / System Control Circuit / Technical Control
- ☐ B - Burst Narrative

9. Digital Data Rate or Analog Bandwidth : (Include Units of Measurement)

_____ (K - Kilobits , B - Bits/Baud , M - Megabits)
Preferred Minimum Acceptable (Under Non - Stressed Conditions)

10. Type of Operation : (Check Only One) (Corresponds to DCAC 310-65-1)

- _____ F - Full Duplex (Directions 1 and 2 Mirror Image)
- _____ G - Full Duplex (Directions 1 and 2 Non-Mirror Image)
- _____ R - Half Duplex (Transmit One Direction Only)
- _____ H - Half Duplex (Transmit Both Directions - Mirror Image)
- _____ J - Half Duplex (Transmit Both Directions - Non-Mirror Image)
- _____ M - Multipoint Full Duplex (Conferencing)
- _____ P - Multipoint Full Duplex (Conferencing)
- _____ N - Multipoint Full Duplex (Broadcast)

11. Percent of Usage : (For determining time-sharing possibilities) _____ %
Estimate the percentage of actual circuit use anticipated during a 24 HR period.

12. Quality of Service : (Check Only One)

- | | |
|---|--|
| _____ F - DCS Voice Quality | _____ 3 - Bit Error Rate (BER) of 10-3 |
| _____ M - Minimum Essential Emergency Communication Net (MEECN) | _____ 4 - BER of 10-4 |
| _____ Accuracy Required or For EAM Dissemination | _____ 5 - BER of 10-5 |
| _____ T - Tactical Voice Quality | _____ 6 - BER of 10-6 |
| _____ S - Speech-Plus-Duplex | _____ 7 - BER of 10-7 |
| | _____ 8 - BER of 10-8 |
| | _____ 9 - BER of 10-9 |

13. How is the requirement Presently Satisfied ? (Check Only One)

- _____ A - AFSAT
- _____ B - Airborne System
- _____ C - LEASAT
- _____ D - DSCS II / DSCS III
- _____ F - FLTSATCOM
- _____ G - Gapfiller
- _____ H - LES 8 / 9
- _____ I - ATS
- _____ J - SDS
- _____ L - Lease Commercial Circuit (Including DOMSAT, INTELSAT, etc.)
- _____ N - NATO
- _____ O - Not Being Satisfied
- _____ T - Terrestrial System (Government Owned)
- _____ X - Special Satellite

14. If Circuit is Operational and being satisfied by DSCS or DCS, please give the following

CCSD NUMBER _____

(If there is more than one CCSD associated with this requirement, please make note of this in the Remarks Section [Question 35] .)

15. Is the Service Requested Providing : (Check One)

_____ P - Primary, (or) _____ B - Backup Communications Capability ?

16. Is the Application _____ T - Tactical, or _____ S - Strategic ?

17. Mission Type : (Check Only One)

_____ OW - Order Wire
_____ PR - Presidential
_____ NC - NCA
_____ CI - Critical Intelligence
_____ AW - Attack Warning
_____ AS - Anti - Submarine Operations
_____ DP - Diplomatic
_____ SC - Strategic Command & Control
_____ ME - MEECN
_____ SS - Sensor Systems
_____ CD - Civil Defense
_____ IT - Interswitch Trunking
_____ AO - Air Operations
_____ WE - Weather
_____ TC - Tactical Command & Control
_____ LG - Logistics

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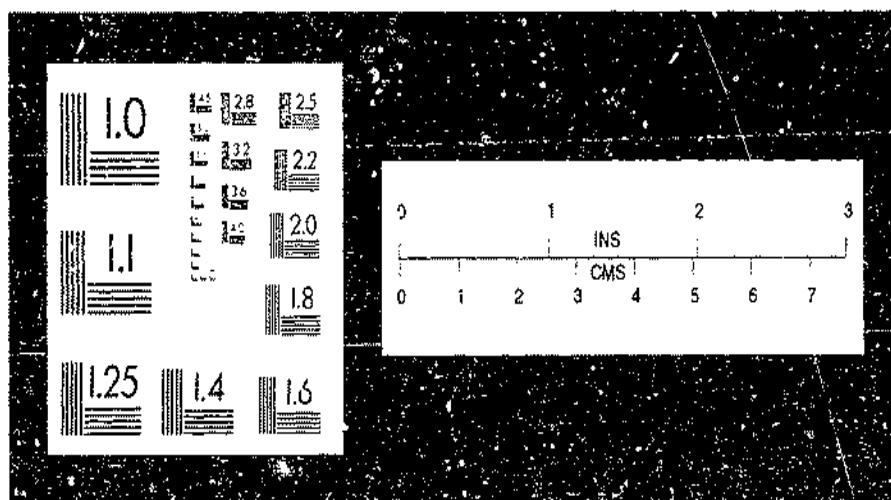
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18. Planned Satisfaction : (Check Only One)
 (This is only to be completed if you have adequate justification :
 for example, " \$50,000,000 has been spent on UHF Terminals".)

☐ D2 - DSCS II
☐ D3 - DSCS III
☐ FL - FLTSAT
☐ LS - LEASAT
☐ KX - Experimental SAT
☐ XX - Classified SAT
☐ N2 - NATO II
☐ N3 - NATO III
☐ DS - DOMSAT
☐ AF - AFSAT / FLTSAT
☐ AS - AFSAT / SDS
☐ AO - AFSAT / Other
☐ MS - MILSTAR
☐ CM - Commercial
☐ FU - Future
☐ GS - Follow On SHF UPLINK and DOWNLINK
☐ SU - Follow On SHF UPLINK and UHF DOWNLINK
☐ SX - Follow On SHF UPLINK to SHF / UHF DOWNLINK
☐ UU - Follow On UHF UPLINK and DOWNLINK
☐ US - Follow On UHF UPLINK and SHF DOWNLINK
☐ UX - Follow On UHF UPLINK to UHF / SHF DOWNLINK

* Note : The Planned Satisfaction on the "To Be Completed by The System Architect" part of the form is the one which is stored in the data base.

Justification for your Planned Satisfaction : _____

19. What would be the impact if this service were not provided by MILSATCOM ? _____

20. Network Name : (Please assign an Acronym to the Network)

Name	Acronym (6 Characters)
_____	_____

21. Criteria for Inclusion : (Check Only One)

- _____ A - A MILSATCOM System is the only possible transmission medium which can fulfill the quantitative characteristics of the requirement .
- _____ B - Operational Considerations, such as reliability , survivability , security , and flexibility require use of MILSATCOM System based on approved operational concept , system utilization plan or other program plans .
- _____ C - Economic analyses (Cost Comparisons) were used to select between use of a MILSATCOM System and other transmission medium .
- _____ D - Combination of A and B (above).
- _____ E - Combination of A , B , and C (above).
- _____ F - Combination of B and C (above).

22. Summarize the Requirement Network in general terms of purpose and use . (Provide concept of operations , operating conditions , whom it supports , hierarchy , interconnects , nature of traffic ,etc.)

23. Service Availability : (Check Only One) (Corresponds to DCAC 310-65-1)

- _____ A - Full Period (Pertains to Time Available in Constant Transmission)
- _____ B - Time Shared (May be used alternatively by all Terminals, or on a Time-Shared Basis . Part or all of the circuits are Shared with one of more other Circuits.)
- _____ C - Six Hours or Less
- _____ D - Military Satellite Demand Assignment - Available as Scheduled by the Satellite Command and Control Facility
- _____ E - Between 6 and 12 Hours
- _____ F - Between 12 and 18 Hours (More than 18 Hours will be reported as Full Period)
- _____ G - On Call (Activated on request of User) . These are the circuits or segments of circuits which are Called Up through the DCS Technical Control or activated directly by User.
- _____ H - Programmed Reroute - Routing allocated to an Existing Circuit via Different Transmission Paths on at least one segment of the routing , but connecting the same Terminal Points . This Route is available Full Time to the User but is used only when activated .
- _____ J - Second Allocated Path - A second allocated path is used to provide simultaneous service for the corresponding Full Period path . This is a separate, distinct , complete path between serving technical Controls / Users , Carrying the same traffic as the "A" Route , but with no common segments between serving Technical Controls .
- _____ K - Frequency Shared (may be either Full or Part Time)
- _____ L - Contingency Requirement, Activation in Accordance with appropriate OPLAN. (CSIF charges not applicable for AUTODIN and AUTOVON.)
- _____ P - Programmed Preempt (First Priority Level) - Carries preemption equipment on-line to automatically preempt the associated circuit.
- _____ Q - On Call Caretaker Status used for On Call Caretaker Status package system cross reference circuits only. Activated only as directed by proper authority.
- _____ R - Reserved Commercial Facility (Not available until CSA Issued)
- _____ S - Programmed Preempt (Second Priority Level) - Automatically Preempts.
- _____ T - Programmed Preempt (Third Priority Level) - Automatically Preempts.

23 A. Service Outages Tolerable (Per Day) : (Check Only One)

- ☐ A - 5 Min or Less
- ☐ B - 5 - 10 Min
- ☐ C - 10 - 15 Min
- ☐ D - 15 - 30 Min
- ☐ E - 30 - 60 Min
- ☐ F - 60 - 120 Min
- ☐ G - 2 - 4 Hrs
- ☐ H - 4 - 6 Hrs

24. Provide a generalized statement of the geographic range that the net would cover :

25. The Duty Factor describes the time the circuit is actually in use (passing traffic). Fill in the number of minutes of actual circuit operation for the average hour and for the busy (peak) hour. Numbers should be no greater than 60 .

	NORMAL OPERATION	WARTIME OPERATION
BUSY HOUR		
AVERAGE HOUR		

26. Is Jam Resistance a Requirement ? ☐ Y - YES ☐ N - NO

27. Maximum number of circuits for this requirement : (2 Digits)
 (If more than one, circuits must be identical; otherwise, each must be on a separate Requirement Form.)

28. Alternatives Available : (Check Only One)

- ☐ A - Non - Electrical means only (Courier)
- ☐ B - Beyond - the - Horizon Single Channel Radio Only
- ☐ C - Line - of - Sight (LOS) Single Channel Radio Only
- ☐ D - Terrestrial Multi-channel (e.g. , Telephone and Cable, Radio, Microwave, Tropospheric Scatter)
- ☐ E - Other satellite Available (More than one SATCOM means)
- ☐ F - Multiple Means Available (A variety of communications means of High Availability Reliability Available to both Commercial and Military, such as CONUS)
- ☐ G - No other reasonable means available

29. Priority : (Check Only One)

Joint - Managed Systems

- ☐ J1 - Communications Requirement of the President and the NCA
- ☐ J2 - Communications requirement of the JCS
- ☐ J3 - Unified and Special Communications requirements, to include those Services Communications Requirements of GMF, Naval Forces, and Air Forces Organic to Component Commands, and Joint Task Forces of the Unified and Specified Commands
- ☐ J4 - DCS Requirements and Service Communications requirements of the MILEPS for GMF, Naval Forces , and Air Forces not Organic to Component Commands of the Unified and Specified Commands.
- ☐ J5 - Non - DoD National Requirements
- ☐ J6 - NATO and Allied Government requirements as Specified by International Agreements

Service - Managed Systems

- ☐ S1 - Communications Requirement of the President and the NCA
- ☐ S2 - Communications Requirements of the JCS
- ☐ S3 - Service Communications for Minimum Essential Needs in Support of Operating Forces
- ☐ S4 - Service Communications Requirements Essential to Operating Forces not included in S3
- ☐ S5 - Other Approved Communications Requirements

30. Is Survivability required for this circuit (e.g., In a Nuclear Environment) ?

_____ Y - Yes _____ N - No

31. Explain any survivability requirements and give necessary duration of survivability

31A. Duration of Survivability of Supported Mission : (Check Only One)

- _____ A - Peacetime Only
_____ B - Crisis
_____ C - Conventional War
_____ D - Trans - Attack
_____ E - Post - Attack / Reconstitution

32. Describe any interfaces with other communications networks or systems. List other subscribers of this net, if known. (Provide facility, number and type of terminals, configuration, employment, and other pertinent data.)

33. Indicate the user community that identifies the primary purpose for this Satellite Communications Requirement. (Choose Only One)

Command / Support Forces	
<input type="checkbox"/> I	Wideband (DDP, SCF, Intelligence)
<input type="checkbox"/> D	DCS (AUTOVON, AUTODIN, WWMCCS ADP, WHCA, Dedicated)
<input type="checkbox"/> E	Diplomatic Telecommunications System
<input type="checkbox"/> F	Fleet Operations (High Capacity)
<input type="checkbox"/> G	Tactical Multichannel (GMF)
<input type="checkbox"/> W	Tactical Warning and Attack Assessment
Nuclear Capable Forces	
<input type="checkbox"/> B	Theater Nuclear Forces
<input type="checkbox"/> C	WWMCCS / SIOP CINCNET
<input type="checkbox"/> J	SIOP (EAM)
<input type="checkbox"/> S	SIOP Force Net (Bombers, Tankers, ICBM, SLBM, ALCM Carrier)
<input type="checkbox"/> K	SSBN Report Back
Conventional (Non - Nuclear) Forces	
<input type="checkbox"/> L	Tactical Single Channel
<input type="checkbox"/> M	Manpack
<input type="checkbox"/> P	Fleet Operations (Low Capacity)
<input type="checkbox"/> A	Air Operations
<input type="checkbox"/> Q	Airborne Reconnaissance Relay

34. This diagram should complement preceding narrative input. Show connectivity within the Net, Interfaces to other Networks, Network Control Station (NCS), and Minimum Essential Emergency Communications Network Requirements. Indicate Classification if required.

35. Remarks. Please provide any additional comments or information you feel would be helpful.
(Only 79 Characters to be stored in data base.)

3.2.2 System Architect's Section

The following section contains the questions on the MILSATCOM URDB Requirement Request Form that are to be completed by the System Architect.

36. Planned Satisfaction : (Check Only One)

- ☐ D2 - DSCS II
- ☐ D3 - DSCS III
- ☐ FL - FLTSAT
- ☐ LS - LEASAT
- ☐ KX - Experimental SAT
- ☐ XX - Classified SAT
- ☐ N2 - NATO II
- ☐ N3 - NATO III
- ☐ DS - DOMSAT
- ☐ AF - AFSAT / FLTSAT
- ☐ AS - AFSAT / SDS
- ☐ AO - AFSAT / Other
- ☐ MS - MILSTAR
- ☐ CM - Commercial
- ☐ FU - Future
- ☐ GS - Follow On SHF UPLINK and DOWNLINK
- ☐ SU - Follow On SHF UPLINK and UHF DOWNLINK
- ☐ SX - Follow On SHF UPLINK to SHF / UHF DOWNLINK
- ☐ UU - Follow On UHF UPLINK and DOWNLINK
- ☐ US - Follow On UHF UPLINK and SHF DOWNLINK
- ☐ UX - Follow On UHF UPLINK to UHF / SHF DOWNLINK

37. Priority : (Check Only One)

Joint - Managed Systems

- ☐ J1 - Communications Requirement of the President and the NCA
- ☐ J2 - Communications requirement of the JCS
- ☐ J3 - Unified and Special Communications requirements, to include those Services Communications Requirements of GMF, Naval Forces, and Air Forces Organic to Component Commands, and Joint Task Forces of the Unified and Specified Commands
- ☐ J4 - DCS Requirements and Service Communications requirements of the MILEPS for GMF, Naval Forces, and Air Forces not Organic to Component Commands of the Unified and Specified Commands
- ☐ J5 - Non - DoD National Requirements
- ☐ J6 - NATO and Allied Government requirements as Specified by International Agreements

Service - Managed Systems

- ☐ S1 - Communications Requirement of the President and the NCA
- ☐ S2 - Communications Requirements of the JCS
- ☐ S3 - Service Communications for Minimum Essential Needs in Support of Operating Forces
- ☐ S4 - Service Communications Requirements Essential to Operating Forces not included in S3
- ☐ S5 - Other Approved Communications Requirements

38. Validation Status : Date of Validation/Change

 / /
(MM) (DD) (YY) (Check One)

- ☐ V - Requirement has been validated by the JCS
- ☐ Q - Reviewed by the JCS but not validated pending additional information to the JCS
- ☐ N - New requirement. Not reviewed or validated by the JCS
- ☐ C - Requirement has been changed by the user after having been validated by the JCS. Will require re-validation
- ☐ D - Requirement reviewed but not validated (disapproved)
- ☐ X - Requirement reviewed by JCS, but not validated due to inability to implement at this time

4.0 MILSATCOM USER REQUIREMENTS SYSTEM OUTPUTS

4.1 Standard Outputs Available

The following are samples of URDB reports currently available through DCA MSO (Code A800). These are the standard reports which require minimum turnaround time, and they may be requested by calling AV 222-6462.

PAGE 1

*** U N C L A S ***
MILSATCOM
REQUIREMENT STATUS REPORT
SUBMITTING COMMAND: US NAVY

REPORT DATE: NOV 24, 1986

COMMAND-CNTRL DATE OF SOURCE
NUMBER LAST UPDATE ID CCSD
NAVY 999 10/16/86 86-999

SUB-COMMAND POINT OF CONTACT

TIME FRAME
REQD (QYY)

TYPE OF MISSION:

USER COMMUNITY:
(F) FLEET OPERATIONS (HIGH CAPACITY)

DATE OF ORIGINAL ENTRY: _/_/_

CHARACTERISTIC YES NO

% OF
USE

ANTI-JAMMING REQUIRED	—	—
SURVIVABILITY REQUIRED	—	—
TACTICAL REQUIREMENT	—	—
PRIMARY COMMUNICATION	—	—
OPERATIONAL CIRCUIT	X	—

DATA RATES

PREFERRED:	2.4K
MINIMUM ACCEPTABLE:	—
REQD UNDER STRESSED CONDITIONS:	—

DUTY FACTOR NORMAL WARTIME

BUSY HOUR

AVERAGE HOUR

QUALITY OF SERVICE

REMARKS:

SERVICE AVAILABILITY

MAXIMUM CIRCUITS

ALTERNATIVES AVAILABLE

PLANNED SATISFACTION

NETWORK DESIGNATIONS

CRITERIA FOR INCLUSION

VALIDATION STATUS

PRIORITY

(5) BIT ERROR RATE OF 10-5
ROUTINE UPDATES DONE 10/86

(B) BEYOND-THE-HORIZON SINGLE CHANNEL RADIO ONLY

(02) DSCS 11

(CUDIXS) COMMON USER DIGITAL INFORMATION EXCHANGE SUBSYSTEM

(D) MILSATCOM SYSTEM ONLY POSSIBLE MEANS/OPERATIONAL CONSIDERATIONS

(V) VALIDATED BY JCS

(S2) SERVICE - JOINT CHIEFS OF STAFF REQUIREMENT

*** U N C L A S ***

LAT - LONG: AREA LOCATION ST/CNTRY
123458N 9999834W B TESTSITE 51OPERATING PLATFORM EARTH TERMINAL LOC:
(F) FIXED OR SEMI-FIXEDLAT - LONG: AREA LOCATION ST/CNTRY
TEST22 02OPERATING PLATFORM EARTH TERMINAL LOC:
(B) SHIPFROM
ENDPOINT INFORMATIONTO
ENDPOINT INFORMATIONTYPE OF SERVICE: (D) DATA (NOT MULTIPLEXED)
TYPE OF OPERATION: (H) HALF DUPLEX (MIRROR IMAGE)
HOW PRESENTLY SATISFIED: (1) TERRESTRIAL SYSTEM (GOVT OWNED)
SERVICE OUTAGE TOLERABLE: _____
DURATION OF SURVIVABILITY: _____

PER DAY

DATE OF VALIDATION STATUS: _/_/_

*** U N C L A S ***

MILSATCOM

REPORT DATE NOV 24, 1986

AUDIT TRAIL REPORT

SUBMITTING COMMAND: ARMY

COMMAND- CNTRL NUMBER	DATE OF ENTRY	SOURCE DOCUMENT	ADD. CHANGE OR DELETE	DATE OF A. C. D	VALIDATION STATUS	DATE OF VAL. STATUS	OPERATIONAL?
ARMY -001	/ /	77-125	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -001	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -002	/ /	77-125	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -002	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -007	/ /	77-125	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -007	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -009	/ /	77-125	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -009	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -014	/ /	77-125	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -014	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -017	/ /	77-125	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -017	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -018	/ /	79-156	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -018	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -019	/ /	79-156	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -019	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -021	/ /	79-168	A	/ /	VALIDATED BY JCS	/ /	YES
ARMY -021	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -022	/ /	79-168	A	/ /	VALIDATED BY JCS	/ /	YES
ARMY -022	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -023	/ /	79-168	A	/ /	VALIDATED BY JCS	/ /	YES
ARMY -024	/ /	79-168	A	/ /	VALIDATED BY JCS	/ /	YES
ARMY -024	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -026	/ /	79-168	A	/ /	VALIDATED BY JCS	/ /	YES
ARMY -026	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -027	/ /	80-177	C	/ /	VALIDATED BY JCS	/ /	YES
ARMY -027	/ /	86-024	C	10/02/86	VALIDATED BY JCS	/ /	YES
ARMY -029	/ /	82-241	C	/ /	REVIEWED BY JCS BUT NOT VALIDATED	/ /	YES
ARMY -029	/ /	86-024	C	10/02/86	REVIEWED BY JCS BUT NOT VALIDATED	/ /	YES
ARMY -030	/ /	82-241	C	/ /	REVIEWED BY JCS BUT NOT VALIDATED	/ /	YES
ARMY -030	/ /	86-024	C	10/02/86	REVIEWED BY JCS BUT NOT VALIDATED	/ /	YES

*** U N C L A S ***

*** UNCLAS ***

PAGE - 1

*** ALL TRANSACTIONS

MILSATCOM

DATE OF REPORT 11/24/06

CHANGES TO DATA BASE				USER REQUIREMENT DATA TRANSACTIONS	
COMMAND-	SOURCE	DATE OF	DATA	SUBMITTING COMMAND	CURRENT
CNTRL NUMBER	DOC ID	ENTRY	ELEMENT		VALUE
ARMY -001	86-024	86/10/02	SID-NR	ARMY	86024
			SVC		M
			RATE		064K
			MISSION		PR
			SVC-AVAL		H
			ALT		F
			RMKS		
			PLAN		D3
ARMY -002	86-024	86/10/02	SID-NR		86024
			SVC		M
			RATE		064K
			MISSION		PR
			SVC-AVAL		L
			ALT		F
			RMKS		
			PLAN		D3
ARMY -007	86-024	86/10/02	SID-NR		86024
			SVC		M
			RATE		256K
			MISSION		PR
			SVC-AVAL		D
			RMKS		
			PLAN		D3
ARMY -008	86-024	86/10/02	SID-NR		86024
			SVC		M
			RATE		256K
			MISSION		PR
			SVC-AVAL		D
			ALT		F
			RMKS		
			PLAN		D3

22

*** UNCLAS ***

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FILE TRANS REPORT A

VM/SP CONVERSATIONAL MONITOR SYSTEM

PAGE 00001

*** UNCLAS ***

MILSATCOM

DATE OF REPORT 11/24/86

*** ALL TRANSACTIONS

USER REQUIREMENT DATA TRANSACTIONS
SUBMITTING COMMAND: ARMY

ADDITIONS TO DATA BASE

COMMAND-	SOURCE	DATE OF
CNTRL NUMBER	DOC ID	ENTRY
ARMY -019	79-168	0/ 0/ 0
ARMY -021	79-168	0/ 0/ 0
ARMY -022	79-168	0/ 0/ 0
ARMY -023	79-168	0/ 0/ 0
ARMY -024	79-168	0/ 0/ 0
ARMY -024	79-168	0/ 0/ 0
ARMY -026	79-168	0/ 0/ 0

**** TOTAL ADDS FOR ARMY - 7

*** UNCLAS ***

PAGE 1

*** UNCLAS ***

*** ALL TRANSACTIONS

USER REQUIREMENT DATA TRANSACTIONS
SUBMITTING COMMAND: ARMY

DELETIONS FROM DATA BASE

COMMAND-	SOURCE	DATE OF
CNTRL NUMBER	DOC ID	DELETION
ARMY -003	86-024	86/10/02
ARMY -004	86-024	86/10/02
ARMY -005	86-024	86/10/02
ARMY -006	86-024	86/10/02
ARMY -028	86-024	86/10/02

**** TOTAL DELETES FOR ARMY - 5

1111 SUMMARY REPORT A

VM/SP CONVERSATIONAL MONI SYSTEM

PAGE 00001

*** U N C L A S ***
MILSATCOM
REQUIREMENT SUMMARY REPORT
SUBMITTING COMMAND: ARMY
REPORT DATE NOV 24, 1986

SUBMIT	CNTRL	FIELD	NETWORK	SID	TIME	PRI	FROM	AREA	S/C	GELOC	OP	TERMINAL	AREA	S/C	GELOC	OP	TERMINAL	SVC	RATE	D	A	PS	CKS	STAT
ARMY	001	DUMMY1	86024	J1	1	51	ANYWHERE	F	0	Z	XXXXXXXX	T	M	0	64K	F	H	03	01	V				
ARMY	002	DUMMY1	86024	J1	1	45	HERE	F	0	ZV	ZZZZZZZZ	T	M	0	64K	F	H	03	01	V				
ARMY	007	ONEONE	86024	J1	2	31	THERE	F	0	ZV	RRRRRRRR	T	M	0	64K	F	H	03	01	V				
ARMY	008	TESTNET	86024	J1	3	22	WHYNOW	F	0	ZV	RRRRRRRR	T	M	0	64K	F	H	03	01	V				
ARMY	009	ZZZZZZ	86024	J1	1	40	SOMETIME	T	0	ZV	NOWHERE	T	M	0	64K	F	H	03	02	V				
ARMY	014	TESTDT	86024	S1	2	41	AGAIN	A	0	ZV	ANYWHERE	F	V	0	64K	F	H	03	02	V				
ARMY	015	ZNETWK	86024	S1	1	42	ANYWHERE	F	0	ZV	TESTSITE	F	V	0	64K	F	H	03	01	V				
ARMY	016	NETWRK	86024	S1	3	09	NOWNOW	A	0	ZV	TESTSITE	F	T	4	8K	F	H	03	01	V				
ARMY	017	MYSTAR	86024	S1	0	ZV	LLLLLLLL	F	0	ZV	TESTSITE	F	T	4	8K	F	H	03	01	V				
ARMY	018	ANYSER	86024	J1	8	11	BBBBBBBB	F	0	ZV	SAASSSSS	T	M	0	64K	F	G	03	02	V				
ARMY	019	NETWRK	86024	J1	8	11	TEST	F	0	ZV	TESTSITE	T	V	256K	F	G	03	12	V					
ARMY	020	ZZZNET	86024	J1	8	11	TESTSITE	F	0	ZV	WHICATRM	T	M	4	8K	F	G	03	02	V				
ARMY	021	XXXNET	86024	J1	8	11	BBBBBBBB	F	0	ZV	ANYWHERE	F	M	4	8K	F	G	03	02	V				
ARMY	022	NETNET	86024	J1	8	11	TESTSITE	F	0	ZV	XXXXXXXXXX	T	M	4	8K	F	G	03	02	V				
ARMY	023	NETAAA	79168	J1	0	ZV	SOMEWHERE	F	0	ZV	RRRRRRRR	T	M	4	8K	F	G	03	02	V				
ARMY	024	BBBNET	86024	J1	0	ZV	TESTSITE	T	0	ZV	YYYYYYYY	T	M	4	8K	F	G	03	02	V				
ARMY	025	CCCCC	86024	J1	0	ZV	TTTTTTT	F	0	ZV	GOGGOGGO	T	M	4	8K	F	G	03	02	V				
ARMY	026	NEWNET	86024	J1	0	ZV	BB111111	T	0	ZV	YYYYYYYY	T	M	4	8K	F	G	03	02	V				
ARMY	027	ONEONE	86024	J1	0	ZV	CCCCCDD	T	0	ZV	NNNNNNNN	A	M	4	8K	F	G	03	02	V				
ARMY	029	ALLNET	86024	S1	0	ZV	WHERE	A	0	ZV	EEEEEEE	T	V	72K	F	G	03	02	V					
ARMY	030	MYNETT	86024	S1	0	ZV	HEREAND	P	0	ZV	XXXXXXXX	T	V	72K	F	G	03	02	V					

*** TOTAL NUMBER OF REQUIREMENTS IN DATA BASE FOR ARMY

*** U N C L A S ***

4.2 Special Output Requests

Should you desire a report in a format not presently available, please provide a written description of the output that is needed. Sort and retrieval criteria may be selected from shaded areas on the form. Send requests to DCA Headquarters , Code A800.

APPENDIX A

**State and Country
Code and Location**

PART I

AREA AND STATE CODES FOR THE UNITED STATES

<u>State Name</u>	<u>Area</u>	<u>Code</u>	<u>State Name</u>	<u>Area</u>	<u>Code</u>
Alabama	C	01	Montana	F	30
Alaska	9	01	Nebraska	D	31
Arizona	H	04	Nevada	G	32
Arkansas	E	05	New Hampshire	A	33
California	G/H	06	New Jersey	A	34
Colorado	D	08	New Mexico	E	35
Connecticut	A	09	New York	A	36
Delaware	B	10	North Carolina	C	37
District of Columbia	B	11	North Dakota	D	38
Florida	C	12	Ohio	B	39
Georgia	C	13	Oklahoma	E	40
Hawaii	8	15	Oregon	F	41
Idaho	F	16	Pennsylvania	B	42
Illinois	D	17	Rhode Island	A	44
Indiana	D	18	South Carolina	C	45
Iowa	D	19	South Dakota	D	46
Kansas	D	20	Tennessee	C	47
Kentucky	B	21	Texas	E	48
Louisiana	E	22	Utah	G	49
Maine	A	23	Vermont	A	50
Maryland	B	24	Virginia	B	51
Massachusetts	A	25	Washington	F	53
Michigan	D	26	West Virginia	B	54
Minnesota	D	27	Wisconsin	D	55
Mississippi	C	28	Wyoming	D	56
Missouri	D	29			

- * The following codes are reserved for possible use in identifying American Samoa (03), Guam (14), Puerto Rico (43), and Virgin Islands (52) when and if they become States.

PART II

AREA AND COUNTRY CODES LISTED BY COUNTRY

<u>Country Name</u>	<u>Area</u>	<u>Code</u>
Afghanistan	7	AF
Albania	5	AL
Algeria	5	AG
American Samoa	8	AQ
Andorra	5	AN
Angola	5	AO
Anguilla	1	AV
Antarctica	7	AY
Antigua	1	AC
Argentina	1	AR
Australia	7	AS
Austria	4	AU
Bahamas	1	BF
Bahrain	6	BA
Bangladesh	7	BG
Barbados	1	BB
Belgium	4	BE
Benin (formerly Dahomey)	5	DM
Bermuda	1	BD
Bhutan	4	BT
Bolivia	1	BL
Botswana	5	BC
Bouvet Island	7	BV
Brazil	1	BR
British Honduras	1	BH
British Indian Ocean Territory	6	IO
British Solomon Islands	7	BP
British Virgin Islands	1	VI
Brunei	7	BX
Bulgaria	4	BU
Burma	7	BM
Burundi	6	BY
Cambodia	7	CB
Cameroon	5	CM
Canada	2	CA
Canal Zone	1	PO
Canton and Enderbury Islands	8	EQ
Cape Verde	5	CV
Cayman Islands	3	CJ
Central African Republic	5	CT
Central and Southern Line Islands	7	CL
Ceylon	7	CE
Chad	5	CD

PART II (CONTD)

Chile	1	CI
China, People's Republic of	7	CH
China, Republic of	7	TW
Christmas Island (Indian Ocean)	7	KT
Cocos Island	8	CK
Colombia	1	CO
Comoro Islands	6	CN
Congo (Brazzaville)	5	CF
Congo (Kinshasa)	5	CG
Cook Islands	8	CW
Costa Rica	1	CS
Cuba	1	CU
Cyprus	6	CY
Czechoslovakia	4	CZ
Denmark	4	DA
Dominica	1	DO
Dominican Republic	1	DR
Ecuador	1	ES
El Salvador	1	ES
Equatorial Guinea	5	EK
Ethiopia	6	ET
Faeroe Islands	3	FO
Falkland Islands	1	FA
Fiji	7	FJ
Finland	4	FI
France	4	FR
French Guiana	1	FG
French Polynesia	8	FP
French Southern and Antarctic Lands (excluding Terre Adelie)	6	FS
French Territories of Afars and Issas	6	FT
Gabon	5	GB
Gambia	5	GA
Gaza Strip	6	GZ
Germany (includes all four sectors)	4	BZ
Germany, Federal Republic of	4	GE
Germany, Soviet Zone of	4	GC
Ghana	5	GH
Gibraltar	5	GI
Gilbert Islands	7	GS
Greece	6	GR
Greenland	2	GL
Grenada	1	GJ
Guadeloupe	1	GP
Guam	7	GQ
Guatemala	1	GT
Guinea	5	GV
Guyana	1	GY
Haiti	1	HA
Heard and McDonald Islands	6	HM

PART II (CONT'D)

Honduras	1	HO
Hong Kong	7	HK
Hungary	4	HU
Iceland	2	IC
India	7	IN
Indonesia	7	ID
Iran	6	IR
Iraq	6	IZ
Iraq--Saudi Arabia Neutral Zone	6	IY
Ireland	3	EI
Israel	6	IS
Israel-Jordan Demilitarized Zones	6	IW
Italy	5	IT
Ivory Coast	5	IV
Jamaica	1	JM
Japan	7	JA
Johnston Atoll	8	JQ
Jordan	6	JO
Kenya	6	KE
Korea, North	7	KN
Korea, Republic of	7	KS
Kuwait	6	KU
Laos	7	LA
Lebanon	6	LE
Lesotho	5	LT
Liberia	5	LI
Libya	5	LY
Liechtenstein	4	LS
Luxembourg	4	LU
Macao	7	MC
Madagascar	6	MA
Malawi	5	MI
Malaysia	7	MY
Maldives	6	MV
Mali	5	ML
Malta	5	MT
Martinique	5	MB
Mauritania	5	MR
Mauritius	6	MP
Mexico	1	MX
Midway Island	8	MQ
Monaco	4	MN
Mongolia	4	MG
Montserrat	1	MH
Morocco	5	MO
Mozambique	5	MZ
Muscat and Oman	6	MU
Nauru	7	NR
Nepal	6	NP
Netherlands	4	NL

PART II (CONTO)

Netherlands Antilles	1	NA
New Caledonia	7	NC
New Hebrides	7	NH
New Zealand	7	NZ
Nicaragua	1	NU
Niger	5	NG
Nigeria	5	NI
Niue	7	NE
Norfolk Island	7	NF
Norway	3	NO
Pakistan	7	PK
Panama	1	PN
Papua and New Guinea	7	PP
Paracet Islands	7	PF
Paraguay	1	PA
Peru	1	PE
Puerto Rico	1	RO
Philippines	7	RP
Pitcairn Island	8	PC
Poland	4	PL
Portugal	1/5	PO
Portuguese Guinea	5	PU
Qatar	6	QA
Reunion	6	RE
Romania	4	RO
Rwanda	6	RW
San Marino	5	SM
Sao Tome e Principe	5	TP
Saudia Arabia	6	SA
Senegal	5	SG
Seychelles	7	SE
Sierra Leone	5	SL
Singapore	7	SN
Somalia	6	SO
South Africa	5	SF
South-West Africa	5	WA
Southern Rhodesia	5	RH
Southern Yemen	6	YS
Spain	5	SP
Spratly Island	7	PG
St. Christopher-Nevis	1	SC
St. Helena	1	SH
St. Lucia	1	ST
St. Pierre and Miquelon	2	SB
St. Vincent	1	VC
Sudan	6	SU
Surinam	1	NS
Svalbard and Jan Mayen	2	JS
Swan Islands	1	SQ
Swaziland	5	WZ

PART II (CONTD)

Sweden	3	SW
Switzerland	4	SZ
Syria	6	SY
Tanzania	6	TZ
Thailand	7	TH
Togo	5	TO
Tokelau Islands	8	TL
Tonga	8	TN
Trinidad and Tobago	1	TD
Trucial Oman or Trucial Coast	6	TC
Trust Territory of the Pacific Islands	7	TQ
Tunisia	5	TS
Turkey	6	TU
Turks and Caicos Islands	1	TK
Tuvalu (formerly Ellice Islands)	7	TV
Uganda	6	UG
Union of Soviet Socialist Republics	4	UR
United Arab Republic	6	EG
United Kingdom	3	UK
United States Misc. Caribbean Islands	1	BQ
United States Misc. Pacific Islands	7	IQ
Upper Volta	5	UV
Uruguay	1	UY
Vatican City	5	VT
Venezuela	1	VE
Vietnam (a Unified Vietnam)	7	VM
Virgin Islands (U.S.)	1	VQ
Wake Island	7	WQ
Wallis and Futuna	8	WF
Western Sahara (formerly Spanish Sahara)	5	WH
Western Samoa	8	WS
Yemen, People's Democratic Republic of	6	YE
Yugoslavia	5	YO
Zambia	5	ZA

PART III

AREA AND COUNTRY CODES LISTED BY CODE

AC	Antigua	1
AF	Afghanistan	7
AG	Algeria	5
AL	Albania	5
AN	Andora	5
AO	Angola	5
AQ	American Samoa	8
AR	Argentina	1
AS	Australia	7
AU	Austria	4
AV	Anguilla	1
AY	Antarctica	7
BA	Bahrain	6
BB	Barbados	1
BC	Botswana	5
BD	Bermuda	1
BE	Belgium	4
BF	Bahamas	1
BG	Bangladesh	7
BH	British Honduras	1
BL	Bolivia	1
BM	Burma	7
BP	British Solomon Islands	7
BQ	United States Misc. Caribbean Islands	1
BR	Brazil	1
BT	Bhutan	4
BU	Bulgaria	4
BV	Bouvet Islands	7
BX	Brunei	7
BY	Burundi	6
BZ	Germany (includes all four sectors)	4
CA	Canada	2
CB	Cambodia	7
CD	Chad	5
CE	Ceylon	7
CF	Congo (Brazzaville)	5
CG	Congo (Kinshasa)	5
CH	China, People's Republic of	7
CI	Chile	1
CJ	Cayman Islands	3
CK	Cocos Island	8
CL	Central and Southern Line Islands	7
CM	Cameroon	5
CN	Comoro Islands	6
CO	Columbia	1
CS	Costa Rica	1
CT	Central African Republic	5

PART III (CONTD)

CU	Cuba	1
CV	Cape Verde	5
CW	Cook Islands	8
CY	Cyprus	6
CZ	Czechoslovakia	4
DA	Denmark	4
DM	Benin (formerly Dahomey)	5
DO	Dominica	1
DR	Dominican Republic	1
EC	Ecuador	1
EG	United Arab Republic	6
EI	Ireland	3
EK	Equatorial Guinea	5
EQ	Canton and Enderbury Islands	8
ES	El Salvador	1
ET	Ethiopia	6
FA	Falkland Islands	1
FG	French Guiana	1
FI	Finland	4
FJ	Fiji	7
FO	Faeroe Islands	3
FP	French Polynesia	8
FR	France	4
FS	French Southern and Antarctic Lands (excluding Terre Adelie)	6
FT	French Territories of Afars and Issas	6
GA	Gambia	5
GB	Gabon	5
GC	Germany, Soviet Zone of	4
GE	Germany, Federal Republic of	4
GH	Ghana	5
GI	Gibraltar	5
GJ	Grenada	1
GL	Greenland	2
GP	Guadeloupe	1
GQ	Guam	7
GR	Greece	6
GS	Gilbert Islands	7
GT	Guatemala	1
GV	Guinea	5
GY	Guyana	1
GZ	Gaza Strip	6
HA	Haiti	1
HK	Hong Kong	7
HM	Heard and McDonald Islands	6
HO	Honduras	1
HU	Hungary	4
IC	Iceland	2
ID	Indonesia	7
IN	India	7
IO	British Indian Ocean Territory	6

PART III (CONTD)

IQ	United States Misc. Pacific Islands	7
IR	Iran	6
IS	Israel	6
IT	Italy	5
IV	Ivory Coast	5
IW	Israel-Jordan Demilitarized Zones	6
IY	Iraq-Saudi Arabia Neutral Zone	6
IZ	Iraq	6
JA	Japan	7
JM	Jamaica	1
JO	Jordan	6
JQ	Johnston Atoll	8
JS	Svalbard and Jan Mayen	2
KE	Kenya	6
KN	Korea, North	7
KS	Korea, Republic of	7
KT	Christmas Island (Indian Ocean)	7
KU	Kuwait	6
LA	Laos	7
LE	Lebanon	6
LI	Liberia	5
LS	Liechtenstein	4
LT	Lesotho	5
LU	Luxembourg	4
LY	Libya	5
MA	Madagascar	6
MB	Martinique	5
MC	Macao	7
MG	Mongolia	4
MH	Montserrat	1
MI	Malawi	5
ML	Mali	5
MN	Monaco	4
MO	Morocco	5
MP	Mauritius	6
MQ	Midway Island	8
MR	Mauritania	5
MT	Malta	5
MU	Muscat and Oman	6
MV	Maldives	6
MX	Mexico	1
MY	Malaysia	7
MZ	Mozambique	5
NA	Netherlands Antilles	1
NC	New Caledonia	7
NE	Niue	7
NF	Norfolk Island	7
NG	Niger	5
NH	New Hebrides	7

PART III (CONTD)

NI	Nigeria	5
NL	Netherlands	4
NO	Norway	3
NP	Nepal	6
NR	Nauru	7
NS	Surinam	1
NU	Nicaragua	1
NZ	New Zealand	7
PA	Paraguay	1
PC	Pitcairn Island	8
PE	Peru	1
PF	Paracel Islands	7
PG	Sprally Island	7
PK	Pakistan	7
PL	Poland	4
PN	Panama	1
PO	Portugal	1/5
PP	Papua and New Guinea	7
PO	Canal Zone	1
PU	Portuguese Guinea	5
QA	Qatar	6
RE	Reunion	6
RH	Southern Rhodesia	5
RO	Romania	4
RP	Philippines	7
RP	Puerto Rico	1
RW	Rwanda	6
SA	Saudia Arabia	6
SB	St. Pierre and Miquelon	2
SC	St. Christopher-Nevis	1
SE	Seychelles	7
SF	South Africa	5
SG	Senegal	5
SH	St. Helena	1
SL	Sierra Leone	5
SM	San Marino	5
SN	Singapore	7
SO	Somalia	6
SP	Spain	5
SQ	Swan Islands	1
ST	St. Lucia	1
SU	Sudan	6
SW	Sweden	3
SY	Syria	6
SZ	Switzerland	4
TC	Trucial Oman or Trucial Coast	6
TD	Trinidad and Tobago	1
TH	Thailand	7
TK	Turks and Caicos Islands	1
TL	Tokelau Islands	8

PART III (CONTD)

TN	Tonga	8
TO	Togo	5
TP	Sao Tome e Principe	5
TQ	Trust Territory of the Pacific Islands	7
TS	Tunisia	5
TU	Turkey	6
TV	Tuvalu (formerly Ellice Islands)	7
TW	China, Republic of	7
TZ	Tanzania	6
UG	Uganda	6
UK	United Kingdom	3
UR	Union of Soviet Socialist Republics	4
UV	Upper Volta	5
UY	Uruguay	1
VC	St. Vincent	1
VE	Venezuela	1
VI	British Virgin Islands	1
VM	Vietnam (a unified Vietnam)	7
VQ	Virgin Islands (U.S.)	1
VT	Vatican City	5
WA	South-West Africa	5
WF	Wallis and Futuna	8
WH	Western Sahara (formerly Spanish Sahara)	5
WQ	Wake Island	7
WS	Western Samoa	8
WZ	Swaziland	5
YE	Yemen, People's Democratic Republic of	6
YO	Yugoslavia	5
YS	Southern Yemen	6
ZA	Zambia	5

PART IV

SPECIAL LOCATION CODES

<u>CODE</u>	<u>NAME</u>	<u>CODE</u>	<u>NAME</u>
ZM	Multipoint (MULTI)	ZY	AFLOAT (AFLOAT)
ZV	Undetermined Location (UNDTML)	ZZ	AIRBORNE (AIRBN)
ZW	LAND MOBILE		
(MOBILE) ZX			LAND TRANSPORTABLE (TRANS)

APPENDIX B

Sample MILSATCOM URDB REQUIREMENT REQUEST FORM

MILSATCOM URDB REQUIREMENT REQUEST FORM

1. DATE / /
MM DD YY
2. TYPE OF REQUEST (CHECK ONE)
☐ A - NEW REQUIREMENT (COMPLETE ENTIRE FORM EXCEPT ITEM 4)
☐ R - CHANGES TO EXISTING REQUIREMENT (COMPLETE ITEMS 1 THRU 5 AND ONLY THOSE ITEMS TO BE CHANGED)
☐ D - DELETION OF EXISTING REQUIREMENT (COMPLETE ITEMS 1 THRU 5 ONLY)
3. SUBMITTING COMMAND AGENCY OR ACTIVITY SUB-COMMAND OPTIONAL
4. CONTROL NUMBER (MANDATORY FOR CHANGES AND DELETIONS)
5. POINT OF CONTACT
 NAME PHONE
 OFFICE CODE
6. LOCATION INFORMATION (REFERENCE APPENDICES IN URDB USERS MANUAL OR DCAC 310-55-1 FOR CODES)

ENDPOINT	FROM	TO
NAME		
GEOLOC CODE		
STATE COUNTRY CODE		
AREA		
LATITUDE (IF STATIONARY)		
LONGITUDE (IF STATIONARY)		
OPERATING PLATFORM (PROVIDE THE REQUESTED INFORMATION OF THE PLATFORM)	TERMINAL ANTENNA SIZE	TERMINAL ANTENNA SIZE
A - AIRCRAFT		
B - SHIP		
F - FIXED OR SEMI-FIXED		
P - MAN PORTABLE		
S - SUBMARINE		
T - TRANSPORTABLE		
V - VEHICLE MOBILE		
X - MULTIPLE TYPES (GROUND AIR SHIP)		

7. TIME FRAME REQUIRED
 QUARTER YEAR
8. TYPE OF SERVICE (CHECK ONE)
☐ D - DATA (NOT MULTIPLEXED)
☐ F - FACSIMILE (NOT MULTIPLEXED)
☐ I - IMAGERY (NOT MULTIPLEXED)
☐ M - MULTICHANNEL (BLINKING MULTIPLEXED AT THE SWITCHES OR SUBSCRIBER TERMINALS FOR TRANSMISSION, V ONE SERIAL BIT STREAM)
☐ R - REMOTE CONTROL KEYING LINE
☐ T - TELETYPE RECORD TRAFFIC (NOT MULTIPLEXED)
☐ V - VOICE OR VOICE EQUIVALENT (ANALOG OR DIGITAL)
☐ Y - ORDER WIRE SYSTEM CONTROL CIRCUIT (TECHNICAL CONTROL)
☐ B - BURST NARRATIVE

9. DIGITAL DATA RATE OR ANALOG BANDWIDTH. INCLUDE UNITS OF MEASUREMENT.
 K=KILOBITS B=BITS BAUD M=MEGABITS.
 RECOMMENDED MINIMUM ACCEPTABLE UNDER NON-STRESSED CONDITIONS.

TYPE OF OPERATION: CHECK ONE. CORRESPONDS TO CCAC 310-65-1
 ___ F - FULL DUPLEX DIRECTIONS 1 AND 2 MIRROR IMAGE
 ___ G - FULL DUPLEX DIRECTIONS 1 AND 2 NON-MIRROR IMAGE
 ___ R - HALF DUPLEX TRANSMIT ONE DIRECTION ONLY.
 ___ H - HALF DUPLEX TRANSMIT BOTH DIRECTIONS - MIRROR IMAGE
 ___ J - HALF DUPLEX TRANSMIT BOTH DIRECTIONS - NON-MIRROR IMAGE
 ___ M - MULTIPOINT FULL DUPLEX CONFERENCING
 ___ P - MULTIPOINT HALF DUPLEX CONFERENCING
 ___ N - MULTIPOINT HALF DUPLEX BROADCAST

11. PERCENT OF USAGE. (FOR DETERMINING TIME-SHARING POSSIBILITIES) ESTIMATE THE PERCENTAGE OF ACTUAL CIRCUIT USE ANTICIPATED DURING A 24-HOUR PERIOD _____ %

12. QUALITY OF SERVICE. CHECK ONE:

___ D - DCS VOICE QUALITY	___ 3 - BIT ERROR RATE (BER) OF 10-3
___ M - MINIMUM ESSENTIAL EMERGENCY COMMUNICATION NET (MEECN)	___ 4 - BER OF 10-4
ACCURACY REQUIRED OR FOR	___ 5 - BER OF 10-5
SAFETY DISSEMINATION	___ 6 - BER OF 10-6
___ T - TACTICAL VOICE QUALITY	___ 7 - BER OF 10-7
___ S - SPEECH-PLUS-DUPLEX	___ 8 - BER OF 10-8
	___ 9 - BER OF 10-9

13. HOW IS THE REQUIREMENT PRESENTLY SATISFIED? CHECK ONE

___ A - AFSAT
 ___ B - AIRBORNE SYSTEM
 ___ C - LEASAT
 ___ D - DSCS / DSCS-IP
 ___ F - FLSATCOM
 ___ G - GAPFILLER
 ___ H - LES 3.9
 ___ I - ATS
 ___ J - SCS
 ___ L - LEASE COMMERCIAL CIRCUIT INCLUDING COMSAT, INTELSAT, ETC
 ___ M - NATO
 ___ O - NOT BEING SATISFIED
 ___ T - TERRRESTRIAL SYSTEM GOVERNMENT OWNED
 ___ X - SPECIAL SATellite
 ___ Z - OTHER (SPECIFY) _____

14. CIRCUIT IS OPERATIONAL AND BEING SATISFIED BY DSCS OR DCS PLEASE GIVE FOLLOWING

DCSC NUMBER _____

15. IS THE SERVICE REQUESTED PROLONG? CHECK ONE

___ P - PRIMARY OR ___ B - BACKUP COMMUNICATIONS CAPABILITY

16. IS THE APPLICATION ___ T - TACTICAL OR ___ S - STRATEGIC?

17. MISSION TYPE. CHECK ONE

___ OW - ORDER WIRE
 ___ PR - PRESIDENTIAL
 ___ NC - NCA
 ___ CI - CRITICAL INTELLIGENCE
 ___ AW - ATTACK WARNING
 ___ AS - ANTISUBMARINE OPERATIONS
 ___ OP - OPERATIONAL
 ___ SC - STRATEGIC COMMAND & CONTROL
 ___ WE - WEAPON
 ___ SS - SENSOR & STEERING
 ___ CD - COUNTER DEFENSE
 ___ TS - INTERSTATE-TO-TRANSNATIONAL
 ___ AO - AIR OPERATIONS
 ___ WE - WEAPON
 ___ TO - TACTICAL COMMAND & CONTROL
 ___ CO - COMBAT

18. PLANNED SATISFACTION ONLY TO BE COMPLETED IF YOU HAVE ADEQUATE JUSTIFICATION FOR EXAMPLE \$50 000 000
HAS BEEN SPENT ON UHF TERMINALS. CHECK ONE:

- ☐ D1 - DSCS I
- ☐ D2 - DSCS II
- ☐ F1 - ELTSAT
- ☐ S1 - LEASAT
- ☐ K1 - EXPERIMENTAL SAT
- ☐ K2 - CLASSIFIED SAT
- ☐ N2 - NATO II
- ☐ N3 - NATO III
- ☐ D3 - DOMSAT
- ☐ AF - AFSAT ELTSAT
- ☐ AS - AFSAT SDS
- ☐ AC - AFSAT OTHER
- ☐ MS - MILSTAR
- ☐ CM - COMMERCIAL
- ☐ FU - FUTURE DESIGN
- ☐ GS - FOLLOW-ON SHF UPLINK AND DOWNLINK
- ☐ SU - FOLLOW-ON SHF UPLINK AND UHF DOWNLINK
- ☐ SX - FOLLOW-ON SHF UPLINK TO SHF UHF DOWNLINK
- ☐ UU - FOLLOW-ON UHF UPLINK AND DOWNLINK
- ☐ US - FOLLOW-ON UHF UPLINK AND SHF DOWNLINK
- ☐ UX - FOLLOW-ON UHF UPLINK AND UHF SHF DOWNLINK

JUSTIFICATION FOR YOUR PLANNED SATISFACTION _____

19. WHAT WOULD THE IMPACT BE IF THIS SERVICE WERE NOT PROVIDED BY MILSATCOM? _____

20. NETWORK NAME _____ ACRONYM 6 CHARACTERS _____

21. CRITERIA FOR INCLUSION CHECK ONE:

- ☐ A - A MILSATCOM SYSTEM IS THE ONLY POSSIBLE TRANSMISSION MEDIUM WHICH CAN FULFILL THE QUANTITATIVE CHARACTERISTICS OF THE REQUIREMENT
- ☐ B - OPERATIONAL CONSIDERATIONS SUCH AS RELIABILITY SURVIVABILITY SECURITY AND FLEXIBILITY REQUIRE USE OF A MILSATCOM SYSTEM BASED ON APPROVED OPERATIONAL CONCEPT SYSTEMS LITIGATION PLAN OR OTHER PROGRAM PLANS
- ☐ C - ECONOMIC ANALYSES WERE USED TO SELECT BETWEEN USE OF A MILSATCOM SYSTEM AND OTHER TRANSMISSION MEDIUM. COST COMPARISONS MUST BE INCLUDED WITH THIS FORM IF THIS IS THE ONLY CRITERIA FOR SELECTION
- ☐ D - COMBINATION OF A AND B ABOVE
- ☐ E - COMBINATION OF A B AND C ABOVE
- ☐ F - COMBINATION OF B AND C ABOVE

22. SUMMARIZE THE REQUIREMENT NETWORK IN GENERAL TERMS OF PURPOSE AND USE. PROVIDE CONCEPT OF OPERATIONS, OPERATING CONDITIONS, WHOM IT SUPPORTS, HIERARCHY, INTERCONNECTS, NATURE OF TRAFFIC, ETC.

23. SERVICE AVAILABILITY. CHECK ONE: (CORRESPONDS TO DCAC 310-65-11)

- ☐ A. FULL PERIOD. PERTAINS TO TIME AVAILABLE IN CONSTANT TRANSMISSION.
- ☐ B. TIME SHARED. MAY BE USED ALTERNATIVELY BY ALL TERMINALS OR ON A TIME-SHARED BASIS. PART OR ALL OF THE CIRCUITS/SEGMENTS ARE SHARED WITH ONE OR MORE OTHER CIRCUITS.
- ☐ C. SIX HOURS OR LESS.
- ☐ D. MILITARY SATELLITE DEMAND ASSIGNMENT. AVAILABLE AS SCHEDULED BY THE SATELLITE COMMUNICATIONS CONTROL FACILITY.
- ☐ E. BETWEEN 6 AND 12 HOURS.
- ☐ F. BETWEEN 12 AND 18 HOURS. MORE THAN 18 HOURS WILL BE REPORTED AS FULL PERIOD.
- ☐ G. ON CALL. ACTIVATED ON REQUEST OF USER. THESE ARE CIRCUITS OR SEGMENTS OF CIRCUITS WHICH ARE CALLED UP THROUGH THE DCS TECHNICAL CONTROL OR ACTIVATED DIRECTLY BY THE USER THROUGH A CONTROL LEAD.
- ☐ H. PROGRAMMED REROUTE. ROUTING ALLOCATED TO AN EXISTING CIRCUIT VIA DIFFERENT TRANSMISSION PATHS ON AT LEAST ONE SEGMENT OF THE ROUTING BUT CONNECTING THE SAME TERMINAL POINTS. THIS ROUTE IS AVAILABLE FULL TIME TO THE USER BUT IS USED ONLY WHEN ACTIVATED.
- ☐ J. SECOND ALLOCATED PATH. A SECOND ALLOCATED PATH IS USED TO PROVIDE SIMULTANEOUS SERVICE FOR THE CORRESPONDING FULL PERIOD PATH. THIS IS A SEPARATE DISTINCT COMPLETE PATH BETWEEN SERVING TECHNICAL CONTROLS/USERS, CARRYING THE SAME TRAFFIC AS THE A ROUTE BUT WITH NO COMMON SEGMENTS BETWEEN SERVING TECHNICAL CONTROLS.
- ☐ K. FREQUENCY SHARED. MAY BE EITHER FULL OR PART TIME.
- ☐ L. CONTINGENCY REQUIREMENT. ACTIVATION IN ACCORDANCE WITH APPROPRIATE OPLAN. OSIF CHARGES NOT APPLICABLE FOR AUTODIN AND AUTOVON.
- ☐ P. PROGRAMMED PREEMPT. FIRST PRIORITY LEVEL. CARRIES PREEMPTION EQUIPMENT ONLINE TO AUTOMATICALLY PREEMPT THE ASSOCIATED CIRCUIT.
- ☐ Q. ON CALL CARETAKER STATUS. USED FOR ON CALL CARETAKER STATUS PACKAGE SYSTEM. CROSS REFERENCE CIRCUITS ONLY. ACTIVATED ONLY AS DIRECTED BY PROPER AUTHORITY.
- ☐ R. RESERVED COMMERCIAL FACILITY. NOT AVAILABLE UNTIL CSA ISSUED.
- ☐ S. PROGRAMMED PREEMPT. SECOND PRIORITY LEVEL. AUTOMATICALLY PREEMPTS.
- ☐ T. PROGRAMMED PREEMPT. THIRD PRIORITY LEVEL. AUTOMATICALLY PREEMPTS.

23A. SERVICE OUTAGES TOLERABLE, PER DAY. CHECK ONE:

- ☐ 5 MIN OR LESS
- ☐ 5-10 MIN
- ☐ 10-15 MIN
- ☐ 15-30 MIN
- ☐ 30-60 MIN
- ☐ 60-120 MIN
- ☐ 2-4 HOURS
- ☐ 4-6 HOURS

24. PROVIDE A GENERALIZED STATEMENT OF THE GEOGRAPHIC RANGE THAT THE NET WOULD COVER.

- 25 THE DUTY FACTOR DESCRIBES THE TIME THE CIRCUIT IS ACTUALLY IN USE PASSING TRAFFIC. FILL IN THE NUMBER OF MINUTES OF ACTUAL CIRCUIT OPERATION FOR THE AVERAGE HOUR AND FOR THE BUSY (PEAK) HOUR

	NORMAL OPERATION	WARTIME OPERATIONS
BUSY-HOUR		
AVERAGE-HOUR		

- 26 SLAM RESISTANCE A REQUIREMENT? ☐ Y - YES ☐ N - NO
IF SO WHAT IS THE MINIMUM DATA RATE ACCEPTABLE UNDER STRESSED CONDITIONS? _____

- 27 MAXIMUM NUMBER OF CIRCUITS FOR THIS REQUIREMENT (2 DIGITS) _____ IF MORE THAN ONE CIRCUITS MUST BE IDENTICAL OTHERWISE MUST BE PRESENTED ON SEPARATE REQUIREMENT FORMS)

- 28 ALTERNATIVES AVAILABLE (CHECK ONE)

- ☐ A - NON-ELECTRICAL MEANS ONLY (COURIER)
☐ B - BEYOND-THE-HORIZON SINGLE CHANNEL RADIO ONLY
☐ C - LINE-OF-SIGHT (LOS) SINGLE CHANNEL RADIO ONLY
☐ D - TERRESTRIAL MULTI-CHANNEL (E.G. TELEPHONE AND CABLE RADIO MICROWAVE TROPOSPHERIC SCATTER)
☐ E - OTHER SATELLITE AVAILABLE (MORE THAN ONE SATCOM MEANS)
☐ F - MULTIPLE MEANS AVAILABLE (A VARIETY OF COMMUNICATIONS MEANS OF HIGH AVAILABILITY RELIABILITY AVAILABLE TO BOTH COMMERCIAL AND MILITARY SUCH AS IN CONUS)
☐ G - NO OTHER REASONABLE MEANS AVAILABLE

- 29 PRIORITY CHECK ONE

JOINT-MANAGED SYSTEMS

- ☐ J1 - COMMUNICATIONS REQUIREMENT OF THE PRESIDENT AND THE NSA
☐ J2 - COMMUNICATIONS REQUIREMENT OF THE JCS
☐ J3 - UNIFIED AND SPECIAL COMMUNICATIONS REQUIREMENTS TO INCLUDE THOSE SERVICES COMMUNICATIONS REQUIREMENTS OF GMF NAVAL FORCES AND AIR FORCES ORGANIC TO COMPONENT COMMANDS AND JOINT TASK FORCES OF THE UNIFIED AND SPECIFIED COMMANDS
☐ J4 - JCS REQUIREMENTS AND SERVICE COMMUNICATIONS REQUIREMENTS OF THE MILDEPS FOR GMF NAVAL FORCES AND AIR FORCES NOT ORGANIC TO COMPONENT COMMANDS OF THE UNIFIED AND SPECIFIED COMMANDS
☐ J5 - NON-DOD NATIONAL REQUIREMENTS
☐ J6 - NATO AND ALLIED GOVERNMENT REQUIREMENTS AS SPECIFIED BY INTERNATIONAL AGREEMENTS

SERVICE-MANAGED SYSTEMS

- ☐ S1 - COMMUNICATIONS REQUIREMENT OF THE PRESIDENT AND THE NSA
☐ S2 - COMMUNICATIONS REQUIREMENT OF THE JCS
☐ S3 - SERVICE COMMUNICATIONS FOR MINIMUM ESSENTIAL NEEDS IN SUPPORT OF OPERATING FORCES
☐ S4 - SERVICE COMMUNICATIONS REQUIREMENTS ESSENTIAL TO OPERATING FORCES NOT INCLUDED IN S3
☐ S5 - OTHER APPROVED COMMUNICATIONS REQUIREMENTS

- 30 SURVIVABILITY REQUIRED FOR THIS CIRCUIT (E.G. IN A NUCLEAR ENVIRONMENT) ☐ Y - YES ☐ N - NO

- 31 EXPLAIN ANY SURVIVABILITY REQUIREMENTS AND GIVE NECESSARY DURATION OF SURVIVABILITY _____

31A DURATION OF SURVIVABILITY OF SUPPORTED MISSION (CHECK ONE)

- ☐ PEACETIME ONLY
- ☐ CRISIS
- ☐ CONVENTIONAL WAR
- ☐ TRANS-ATTACK
- ☐ POST-ATTACK RECONSTITUTION

32 DESCRIBE ANY INTERFACES WITH OTHER COMMUNICATIONS NETWORKS OR SYSTEMS. LIST OTHER SUBSCRIBERS OF THIS NET IF KNOWN. PROVIDE FACILITY NUMBER AND TYPE OF TERMINALS, CONFIGURATION, EMPLOYMENT AND OTHER PERTINENT DATA.

33 INDICATE THE USER COMMUNITY THAT IDENTIFIES THE PRIMARY PURPOSE FOR THIS SATELLITE COMMUNICATIONS REQUIREMENT

COMMAND SUPPORT FORCES
<input type="checkbox"/> I - WIDEBAND JDDP SCF INTELLIGENCE
<input type="checkbox"/> D - DCS (AUTOVON, AUTODIN, WWMCCS ADP, WHCA DEDICATED CIRCUITS)
<input type="checkbox"/> E - DIPLOMATIC TELECOMMUNICATIONS SYSTEM
<input type="checkbox"/> F - FLEET OPERATIONS (HIGH CAPACITY)
<input type="checkbox"/> G - TACTICAL MULTICHANNEL GMP
<input type="checkbox"/> W - TACTICAL WARNING AND ATTACK ASSESSMENT
NUCLEAR CAPABLE FORCES
<input type="checkbox"/> B - THEATER NUCLEAR FORCES
<input type="checkbox"/> C - WWMCCS SIOP/CINCNET
<input type="checkbox"/> J - STOP/EAM
<input type="checkbox"/> S - SIOP FORCE NET (BOMBERS, TANKERS, CSB, SLBM, ALCM CARRIER)
<input type="checkbox"/> K - SSBN REPORT BACK
CONVENTIONAL NON-NUCLEAR FORCES
<input type="checkbox"/> L - TACTICAL SINGLE CHANNEL
<input type="checkbox"/> M - MAINPACK
<input type="checkbox"/> P - FLEET OPERATIONS (LOW CAPACITY)
<input type="checkbox"/> A - AIR OPERATIONS
<input type="checkbox"/> Q - AIRBORNE RECONNAISSANCE RELAY
OTHER
<input type="checkbox"/> X - OTHER (DESCRIBE)

24. THIS DIAGRAM SHOULD COMPLEMENT PRECEDING NARRATIVE NET. SHOW CONNECTIVITY WITHIN THE NET, INTERFACES TO OTHER NETWORKS, NETWORK CONTROL STATION, NCS, AND MINIMALLY ESSENTIAL EMERGENCY COMMUNICATION NETWORKS, RESULTS, LOCATE CLASSIFICATION, REQUIRED.

REMARKS PLEASE PROVIDE ANY ADDITIONAL COMMENTS OR INFORMATION YOU FEEL WOULD BE HELPFUL. ONLY 100 CHARACTERS TO BE STORED IN DATABASE

THE FOLLOWING SECTION TO BE COMPLETED BY SYSTEM ARCHITECT

36 PLANNED SAT SPECTRA CHECK ONE

- ☐ D2 - D3CS
- ☐ D3 - D3CS
- ☐ FL - FLTSAT
- ☐ LS - LSASAT
- ☐ KX - EXPERIMENTAL SAT
- ☐ XX - CLASSIFIED SAT
- ☐ N2 - NATO
- ☐ N3 - NATO
- ☐ DS - COMSAT
- ☐ AF - AFSAT FLTSAT
- ☐ AS - AFSAT SDS
- ☐ AO - AFSAT OTHER
- ☐ MS - MILSTAR
- ☐ CM - COMMERCIAL
- ☐ FU - FUTURE DESIGN
- ☐ GS - FOLLOW-ON SHF UPLINK AND DOWNLINK
- ☐ SU - FOLLOW-ON SHF UPLINK AND UHF DOWNLINK
- ☐ SX - FOLLOW-ON SHF UPLINK TO SHF UHF DOWNLINK
- ☐ UU - FOLLOW-ON UHF UPLINK AND DOWNLINK
- ☐ US - FOLLOW-ON UHF UPLINK AND SHF DOWNLINK
- ☐ UX - FOLLOW-ON UHF UPLINK AND UHF SHF DOWNLINK

37 PRIORITY CHECK ONE

JOINT-MANAGED SYSTEMS

- ☐ J1 - COMMUNICATIONS REQUIREMENT OF THE PRESIDENT AND THE NCA
- ☐ J2 - COMMUNICATIONS REQUIREMENT OF THE JCS
- ☐ J3 - UNIFIED AND SPECIAL COMMUNICATIONS REQUIREMENTS TO INCLUDE THOSE SERVICES COMMUNICATIONS REQUIREMENTS OF GMF NAVAL FORCES AND AIR FORCES ORGANIC TO COMPONENT COMMANDS AND JOINT TASK FORCES OF THE UNIFIED AND SPECIFIED COMMANDS
- ☐ J4 - JCS REQUIREMENTS AND SERVICE COMMUNICATIONS REQUIREMENTS OF THE MILDEPS FOR GMF NAVAL FORCES AND AIR FORCES NOT ORGANIC TO COMPONENT COMMANDS OF THE UNIFIED AND SPECIFIED COMMANDS
- ☐ J5 - NON-DOC NATIONAL REQUIREMENTS
- ☐ J6 - NATO AND ALLIED GOVERNMENT REQUIREMENTS AS SPECIFIED BY INTERNATIONAL AGREEMENTS

SERVICE-MANAGED SYSTEMS

- ☐ S1 - COMMUNICATIONS REQUIREMENT OF THE PRESIDENT AND THE NCA
- ☐ S2 - COMMUNICATIONS REQUIREMENT OF THE JCS
- ☐ S3 - SERVICE COMMUNICATIONS FOR MINIMUM ESSENTIAL NEEDS IN SUPPORT OF OPERATING FORCES
- ☐ S4 - SERVICE COMMUNICATIONS REQUIREMENTS ESSENTIAL TO OPERATING FORCES NOT INCLUDED IN S3
- ☐ S5 - OTHER APPROVED COMMUNICATIONS REQUIREMENTS

38 VALIDATION STATUS DATE OF VALIDATION CHANGE

CHECK ONE:

MM/DD/YY

- ☐ V - REQUIREMENT HAS BEEN VALIDATED BY THE JCS
- ☐ R - REVIEWED BY THE JCS BUT NOT VALIDATED PENDING ADDITIONAL INFORMATION TO THE JCS
- ☐ N - NEW REQUIREMENT NOT REVIEWED OR VALIDATED BY THE JCS
- ☐ C - REQUIREMENT HAS BEEN CHANGED BY THE USER AFTER HAVING BEEN VALIDATED BY THE JCS WILL REQUIRE REVALIDATION
- ☐ D - REQUIREMENT REVIEWED BUT NOT VALIDATED DISAPPROVED
- ☐ X - REQUIREMENT REVIEWED BY JCS BUT NOT VALIDATED DUE TO INABILITY TO IMPLEMENT AT THIS TIME